

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/0/4,162A
Source: 1Fw/6
Date Processed by STIC: 8/15/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 08/15/2005

PATENT APPLICATION: US/10/014,162A

TIME: 11:56:38

Input Set : A:\NIH175.001C1 SEQLIST.TXT

Output Set: N:\CRF4\08152005\J014162A.raw

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4 <110> APPLICANT: Usdin, Ted B.
5      Hoare, Samuel R.J.
7 <120> TITLE OF INVENTION: PARATHYROID HORMONE RECEPTOR LIGANDS
10 <130> FILE REFERENCE: NIH175.001C1
12 <140> CURRENT APPLICATION NUMBER: US 10/014,162A
13 <141> CURRENT FILING DATE: 2001-12-11
15 <150> PRIOR APPLICATION NUMBER: PCT/US00/16776
16 <151> PRIOR FILING DATE: 2000-06-15
18 <150> PRIOR APPLICATION NUMBER: US 60/139,335
19 <151> PRIOR FILING DATE: 1999-06-15
21 <160> NUMBER OF SEQ ID NOS: 113
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 39
27 <212> TYPE: PRT
28 <213> ORGANISM: Bos taurus
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32 1          5          10          15
33 Leu Ala Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys
34          20          25          30
35 Leu Leu Val Leu Asp Ala Pro
36          35
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 38
41 <212> TYPE: PRT
42 <213> ORGANISM: Bos taurus
44 <400> SEQUENCE: 2
45 Leu Ala Leu Ala Asp Asp Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu
46 1          5          10          15
47 Ala Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu
48          20          25          30
49 Leu Val Leu Asp Ala Pro
50          35
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 37
55 <212> TYPE: PRT
56 <213> ORGANISM: Bos taurus
58 <400> SEQUENCE: 3
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60 1          5          10          15
61 Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu
62          20          25          30

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63 Val Leu Asp Ala Pro
64      35
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 36
69 <212> TYPE: PRT
70 <213> ORGANISM: Bos taurus
72 <400> SEQUENCE: 4
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74  1      5      10      15
75 Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val
76      20      25      30
77 Leu Asp Ala Pro
78      35
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 35
83 <212> TYPE: PRT
84 <213> ORGANISM: Bos taurus
86 <400> SEQUENCE: 5
87 Ala Asp Asp Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu
88  1      5      10      15
89 Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu
90      20      25      30
91 Asp Ala Pro
92      35
95 <210> SEQ ID NO: 6
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101 Asp Asp Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu
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103 Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp
104      20      25      30
105 Ala Pro
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 33
111 <212> TYPE: PRT
112 <213> ORGANISM: Bos taurus
114 <400> SEQUENCE: 7
115 Asp Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg
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117 Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala
118      20      25      30
119 Pro
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124 <211> LENGTH: 32
125 <212> TYPE: PRT
126 <213> ORGANISM: Bos taurus
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129 Ala Ala Phe Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg Arg
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131 His Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
132 20 25 30
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136 <211> LENGTH: 31
137 <212> TYPE: PRT
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140 <400> SEQUENCE: 9
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143 Trp Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
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147 <210> SEQ ID NO: 10
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155 Leu Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
156 20 25 30
159 <210> SEQ ID NO: 11
160 <211> LENGTH: 29
161 <212> TYPE: PRT
162 <213> ORGANISM: Bos taurus
164 <400> SEQUENCE: 11
165 Arg Glu Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg Arg His Trp Leu
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167 Asn Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
168 20 25
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173 <212> TYPE: PRT
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176 <400> SEQUENCE: 12
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178 1 5 10 15
179 Ser Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
180 20 25
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 27
185 <212> TYPE: PRT
186 <213> ORGANISM: Bos taurus
188 <400> SEQUENCE: 13
189 Arg Ala Arg Leu Leu Ala Ala Leu Glu Arg Arg His Trp Leu Asn Ser
190 1 5 10 15
191 Tyr Met His Lys Leu Leu Val Leu Asp Ala Pro
192 20 25

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195 <210> SEQ ID NO: 14
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203 Met His Lys Leu Leu Val Leu Asp Ala Pro
204           20           25
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208 <211> LENGTH: 25
209 <212> TYPE: PRT
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212 <400> SEQUENCE: 15
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215 His Lys Leu Leu Val Leu Asp Ala Pro
216           20           25
219 <210> SEQ ID NO: 16
220 <211> LENGTH: 24
221 <212> TYPE: PRT
222 <213> ORGANISM: Bos taurus
224 <400> SEQUENCE: 16
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227 Lys Leu Leu Val Leu Asp Ala Pro
228           20
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232 <211> LENGTH: 23
233 <212> TYPE: PRT
234 <213> ORGANISM: Bos taurus
236 <400> SEQUENCE: 17
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238   1           5           10           15
239 Leu Leu Val Leu Asp Ala Pro
240           20
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244 <211> LENGTH: 22
245 <212> TYPE: PRT
246 <213> ORGANISM: Bos taurus
248 <400> SEQUENCE: 18
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251 Leu Val Leu Asp Ala Pro
252           20
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 21
257 <212> TYPE: PRT
258 <213> ORGANISM: Bos taurus

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260 <400> SEQUENCE: 19
261 Ala Leu Glu Arg Arg His Trp Leu Asn Ser Tyr Met His Lys Leu Leu
262 1 5 10 15
263 Val Leu Asp Ala Pro
264 20
267 <210> SEQ ID NO: 20
268 <211> LENGTH: 20
269 <212> TYPE: PRT
270 <213> ORGANISM: Bos taurus
272 <400> SEQUENCE: 20
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275 Leu Asp Ala Pro
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280 <211> LENGTH: 19
281 <212> TYPE: PRT
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287 Asp Ala Pro
291 <210> SEQ ID NO: 22
292 <211> LENGTH: 18
293 <212> TYPE: PRT
294 <213> ORGANISM: Bos taurus
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298 1 5 10 15
299 Ala Pro
303 <210> SEQ ID NO: 23
304 <211> LENGTH: 17
305 <212> TYPE: PRT
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308 <400> SEQUENCE: 23
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311 Pro
315 <210> SEQ ID NO: 24
316 <211> LENGTH: 16
317 <212> TYPE: PRT
318 <213> ORGANISM: Bos taurus
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325 <210> SEQ ID NO: 25
326 <211> LENGTH: 15
327 <212> TYPE: PRT
328 <213> ORGANISM: Bos taurus

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VERIFICATION SUMMARY

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